

28 said first chemical composition is comprised of a solid, water-soluble chemical
29 composition which is not reactive with, soluble in or a solvent for said membrane.

30 Claim 17 (previously added) The article of claim 16 wherein said first chemical
31 composition is selected from the group consisting of alkali, alkaline earth metal and ammonium
32 halides, oxides, hydroxides, carbonates, bicarbonates, perborates, peroxides, percarbonates,
33 bisulfates and persulfates.

34 Claim 18 (currently amended) The article of claim 17 wherein said membrane is a
35 composite material comprised of said first material and further comprised of a second material,
36 wherein said first material is a supporting matrix for said second material which is fixed in said
37 supporting matrix;

38 said second material is a particulate solid, having a particle size in the range of from
39 about 1 to about 15 microns, present in said composite material in an amount in the range of
40 from an amount greater than about 0 to about 50 percent of said particulate solid by total weight
41 of said composite material;

42 said second material is different from said first material, and is not reactive with, soluble
43 in or a solvent for said first material or said first chemical composition; and

44 said composite material is present in said ~~capsule~~ article in an amount in the range of
45 from about 10 to about 50 percent by weight of said composite material by weight of said
46 ~~capsule~~ article.

47 Claim 19 (previously added) The article of claim 17 wherein said first material is reacted
48 with a cross linking agent selected from the group consisting of polyaziridines, carbodiimides,
49 epoxies and metal ion cross linkers.

50 Claim 20 (previously added) The article of claim 18 wherein said second material is
51 selected from the group consisting of silica, calcium carbonate, titanium dioxide, barium sulfate,
52 calcium sulfate and mixtures thereof.

53 Claim 21 (previously added) The article of claim 17 wherein said first chemical
54 composition has a particle size in the range of from about 10 to about 60 mesh US Sieve
55 series.

56 Claim 22 (currently amended) The article of claim 20 wherein said first material is
57 reacted with a cross linking agent selected from the group consisting of polyaziridines,
58 carbodiimides, epoxies and metal ion cross linkers.

59 Claim 23 (previously added) The article of claim 20 wherein said first chemical
60 composition has a particle size in the range of from about 10 to about 60 mesh US Sieve
61 series.

62 Claim 24 (previously added) The article of claim 19 wherein said cross linking agent is a
63 polyaziridine.

64 Claim 25 (previously added) The article of claim 22 wherein said cross linking agent is a
65 polyaziridine.

66 Claim 26 (previously amended) The article of claim 19 wherein said first chemical
67 composition has a particle size in the range of from about 10 to about 60 mesh US Sieve
68 series.

69 Claim 27 (previously amended) The article of claim 22 wherein said first chemical
70 composition has a particle size in the range of from about 10 to about 60 mesh US Sieve
71 series.

72 Claim 28 (previously added) The article of claim 22 wherein said second material is
73 silica.

74 Claim 29 (withdrawn from consideration)

75 Claim 30 (previously added) The article of claim 28 wherein said cross linking agent is a

76 polyaziridine.

77 Claim 31 (canceled)

78 Claim 32 (withdrawn from consideration)

79 Claim 33 (withdrawn from consideration)

80 Claim 34 (previously added) The article of claim 20 wherein said first material is reacted

81 with a polyaziridine cross linking agent.

82 Claim 35 (previously added) The article of claim 21 wherein said first material is reacted

83 with a polyaziridine cross linking agent.
